

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/002502

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
Int.Cl. <sup>7</sup> C08J5/00, B29C47/88, C08L101/00, C08K3/04, 7/06 // H01R33/76, 13/46, C08L101:00, 71:10, 79:08, 81:02, B29K101:00, B29L7:00, 23:00		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols)		
Int.Cl. <sup>7</sup> C08J5/00, B29C47/88, C08L101/00, C08K3/04, 7/06 // H01R33/76, 13/46, C08L101:00, 71:10, 79:08, 81:02, B29K101:00, B29L7:00, 23:00		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Published examined utility model applications of Japan 1922-1996 Published unexamined utility model applications of Japan 1971-2005 Registered utility model specifications of Japan 1996-2005 Published registered utility model applications of Japan 1994-2005		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 09-087418 A (KUREHA CHEM IND CO LTD) 31.03.1997, claims, p. 3 [0009], (family none)	1-20
Y	JP 2000-212453 A (OSAKA GAS CO LTD) 02.08.2000, claims, p. 2-3 [0011], p. 5 [0033] (family none)	1-20
Y	JP 2002-080720 A (KUREHA CHEM IND CO LTD) 19.03.2002, claims, p. 7 [0051], (family none)	1-20
Y	WO 2000/034369 A2 (KUREHA KAGAKU KOGYO K.K.) 15.06.2000, claims, p. 11 line 2-19 & JP 2002-531660 A, p. 10 [0023] & EP 1369452 A1 & CN 1333800 A & US 6545081 B1 & TW 555797 A	1-20
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
14.04.2005		10.5.2005
Name and mailing address of the ISA/JP		Authorized officer
Japan Patent Office		AMANO Hiroki
3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan		4J 9272
		Telephone No. +81-3-3581-1101 Ext. 3457

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1376782 A1 (KUREHA KAGAKU KOGYO KABUSHIKI KAISHA) 02.01.2004, claims, p.6 [0054] & WO 2002/082592 A1, p.11 line 24 - p.12 line 5 & KR 2003090644 A & US 2004/0082205 A1 & AU 2002242977 A1 & CN 1502152 A & JP 2002-580443 A	1-20
Y	JP 07-314520 A (KUREHA CHEM IND CO LTD) 05.12.1995, claims, p.2 [0002], p.3-4 [0017]-[0018] (family none)	1-20
Y	JP 2000-017180 A (JAPANESE GEON CO LTD) 18.01.2000, claims, p.7-8 [0065]-[0068] (family none)	1-20
A	JP 11-323131 A (SUMITOMO CHEM CO LTD) 26.11.1999, claims (family none)	1-20
A	JP 2002-121402 A (KUREHA CHEM IND CO LTD) 23.04.2002, claims, p.6 [0044] (family none)	1-20

## PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING  
OF A CHANGE(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

NISHIKAWA, Shigeaki  
Visual City 401  
43-9, Higashi-Nippori 3-chome  
Arakawa-ku, Tokyo  
1160014  
Japan

Date of mailing (day/month/year) 07 November 2005 (07.11.2005)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference KU-564	
International application No. PCT/JP2005/002502	International filing date (day/month/year) 09 February 2005 (09.02.2005)

1. The following indications appeared on record concerning:		
<input checked="" type="checkbox"/> the applicant	<input type="checkbox"/> the inventor	<input type="checkbox"/> the agent
<input type="checkbox"/> the common representative		
Name and Address KUREHA CHEMICAL INDUSTRY COMPANY, LIMITED 9-11 Nihonbashi Horidomecho 1- chome, Chuo-ku, Tokyo 1038552 Japan	State of Nationality JP	State of Residence JP
	Telephone No.	
	Facsimile No.	
	Teleprinter No.	
2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:		
<input type="checkbox"/> the person	<input type="checkbox"/> the name	<input checked="" type="checkbox"/> the address
<input type="checkbox"/> the nationality		
<input type="checkbox"/> the residence		
Name and Address KUREHA CORPORATION 3-3-2, Nihonbashi-Hamacho Chuo-ku, Tokyo 103-8552 Japan	State of Nationality JP	State of Residence JP
	Telephone No.	
	Facsimile No.	
	Teleprinter No.	
3. Further observations, if necessary:		
4. A copy of this notification has been sent to:		
<input checked="" type="checkbox"/> the receiving Office	<input checked="" type="checkbox"/> the designated Offices concerned	
<input type="checkbox"/> the International Searching Authority	<input type="checkbox"/> the elected Offices concerned	
<input type="checkbox"/> the International Preliminary Examining Authority	<input type="checkbox"/> other:	

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer  Mitsuyo IWAMOTO (Fax 338 9090)
Facsimile No. (41-22) 338.90.90	Telephone No. (41-22) 338 8723

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To:

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Date of mailing (day/month/year) 08 November 2005 (08.11.2005)	<b>IMPORTANT NOTIFICATION</b>
Applicant's or agent's file reference KU-564	
International application No. PCT/JP2005/002502	International filing date (day/month/year) 09 February 2005 (09.02.2005)

## 1. The following indications appeared on record concerning:

☒ the applicant      ☒ the inventor      ☐ the agent      ☐ the common representative

Name and Address 1)NISHIHATA, Naomitsu 2)KAWASAKI, Tatsuya c/o Kureha Chemical Industry Company, Limited, 9-11 Nihonbashi Horidomecho 1-chome, Chuo-ku, Tokyo 1038552 Japan	State of Nationality JP	State of Residence JP
	Telephone No.	
	Facsimile No.	
	Teleprinter No.	

## 2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☐ the person      ☐ the name      ☒ the address      ☐ the nationality      ☐ the residence

Name and Address 1)NISHIHATA, Naomitsu 2)KAWASAKI, Tatsuya c/o Kureha Corporation 3-3-2, Nihonbashi-Hamacho Chuo-ku, Tokyo 103-8552 Japan	State of Nationality JP	State of Residence JP
	Telephone No.	
	Facsimile No.	
	Teleprinter No.	

## 3. Further observations, if necessary:

## 4. A copy of this notification has been sent to:

☒ the receiving Office      ☒ the designated Offices concerned  
☐ the International Searching Authority      ☐ the elected Offices concerned  
☐ the International Preliminary Examining Authority      ☐ other:

<p>The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland</p> <p>Facsimile No. (41-22) 338.90.90</p>	<p>Authorized officer</p> <p>Mitsuyo IWAMOTO (Fax 338 9090)</p> <p>Telephone No. (41-22) 338 8723</p>
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